

THE UNIVERSITY OF CHICAGO

Fieldbus process network utilizes an applet/servlet pair, the applet residing on a remote node on a wide area network such as the Internet, the servlet residing on a node

5 communicably linked to the wide area network and to the process network. The servlet is operative to collect data via the FMS layer from one or more process devices such as field devices residing on the process network and to have translated the collected data and to transmit the translated data via the wide area network to the applet residing on the remote node. The information is displayed to the user by an appropriate interface such as the
10 graphical interface of a browser running on the remote node. The user may initiate communications by instantiating the applet via a hyperlink in a web page or otherwise, and may input and receive information via the browser's graphical interface.